- (iii) how the implementation of the proposed plan will be evaluated and assessed.
- (4) PROGRAM COMPONENTS.—
- (A) STRATEGIC AREAS OF SCIENTIFIC RESEARCH.—In consultation with the Defense Science Board, the Secretary, or the Secretary's designee, shall establish annually a list of key areas of research for which applicants can seek funding.
- (B) USE OF FUNDS.—An institution that receives a grant under this section shall use the grant funds to support research activities, including—
 - (i) faculty professional development;
- (ii) stipends for undergraduate and graduate students and post-doctoral scholars;
- (iii) laboratory equipment and instrumentation; and
- (iv) other activities necessary to build research capacity.
- (C) Research assessment —
- (i) IN GENERAL.—An institution that submits a proposal for a grant under this section shall submit with their proposal a plan that describes the institution's plan to achieve very high research activity status, including making investments with institutional and non-Federal funds, to achieve that status within a decade of the grant award, to the extent practicable.
- (ii) UPDATED PLAN.—An institution that receives a grant under this section shall submit to the Secretary an updated plan described in clause (i) not less than once every 3 years, which shall be based on a self-assessment of progress in achieving very high research activity status.
- (D) Transition eligibility.—The Secretary may consider creating pathways for new historically Black colleges or universities to enter into the program under this section as participating institutions achieve very high research activity status.

SA 4773. Mr. MARKEY submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle B of title III, add the following:

SEC. 318. DEPARTMENT OF DEFENSE PLAN TO MEET SCIENCE-BASED EMISSIONS TARGETS.

- (a) PLAN REQUIRED.—Not later than September 30, 2022, the Secretary of Defense shall submit to Congress a plan to reduce the greenhouse gas emissions of the Department of Defense, including functions of the Department that are performed by contractors, in line with science-based emissions targets.
- (b) UPDATES.—Not later than one year after the submittal of the plan under subsection (a), and annually thereafter, the Secretary shall submit to Congress a report on the progress of the Department toward meeting the science-based emissions targets in such plan.
- (c) SCIENCE-BASED EMISSIONS TARGET DE-FINED.—In this section, the term "sciencebased emissions target" means a reduction in greenhouse gas emissions consistent with preventing an increase in global average temperature of greater than or equal to 1.5 degrees Celsius compared to pre-industrial levels.
- SA 4774. Mr. INHOFE submitted an amendment intended to be proposed to

amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title III, insert the following:

SEC. 3___. REQUIREMENTS RELATING TO JOINT USE AGREEMENTS.

- (a) Prohibition.—The Secretary of a military department may not enter into or modify a joint use agreement with a non-Department of Defense organization that is not beneficial to the Department of Defense.
 - (b) NOTICE AND WAIT REQUIREMENT.—
- (1) IN GENERAL.—The Secretary of a military department may not enter into a joint use agreement with a non-Department of Defense organization until 180 days after certifying to the congressional defense committees that the agreement will benefit the operations and readiness of the military installation concerned or the Department overall.
- (2) ELEMENTS.—A certification required by paragraph (1) shall include the following elements:
- (A) A determination that the operations and readiness of the military installation concerned will benefit as a result of the agreement.
- (B) A description of the effect of the agreement on the installation and the Department.
- (C) A description of the benefit of the agreement to outside agencies.
- (D) A description of alternative options to the agreement that were investigated.
- (E) Any other elements the Secretary considers relevant.

SA 4775. Mr. REED submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

Strike section 1508 and insert the following:

SEC. 1508. MODIFICATIONS TO EFFECTIVE DATES RELATING TO THE ASSISTANT SECRETARY OF THE AIR FORCE FOR SPACE ACQUISITION AND INTEGRATION AND THE SERVICE ACQUISITION EXECUTIVE OF THE DEPARTMENT OF THE AIR FORCE FOR SPACE SYSTEMS AND PROGRAMS.

- (a) Modification to Effective Date of Transfer of Acquisition Projects for Space Systems and Programs.—Section 956(b)(3) of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92; 133 Stat. 1566; 10 U.S.C. 9016 note), as amended by section 1507(c), is further amended—
- (1) by striking "Effective" and inserting "Not later than"; and
- (2) by striking "as of September 30, 2022" and inserting "at the time of such transfer".
- (b) Modifications to Effective Dates for Service Acquisition Executive of the Department of the Air Force for Space Systems and Programs.—

- (1) IN GENERAL.—Section 957 of the National Defense Authorization Act for Fiscal Year 2020 (10 U.S.C. 9016 note) is amended—
- (A) in subsection (a), by striking "Effective" and inserting "Not later than"; and
 - (B) in subsection (b)—
- (i) in paragraph (1), by striking "Effective as of" and inserting "Not later than"; and
- (ii) in paragraph (2), by striking "as of October 1, 2022" and inserting "as described in paragraph (1)".
- (2) CONFORMING AMENDMENT.—Section 9016(b)(6)(vi) of title 10, United States Code, as amended by section 1505(b), is further amended by striking "Effective as of" and inserting "Not later than".
- (3) TECHNICAL CORRECTION.—Section 957(b)(1) of the National Defense Authorization Act for Fiscal Year 2020 (10 U.S.C. 9016 note) is amended by striking "section 1832(b)" and inserting "section 956(b)".

SA 4776. Mr. PETERS (for himself, Mr. PORTMAN, and Mr. GRASSLEY) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end, add the following:

DIVISION E—INSPECTOR GENERAL INDE-PENDENCE AND EMPOWERMENT ACT OF 2021

SEC. 5101. SHORT TITLE.

This division may be cited as the "Inspector General Independence and Empowerment Act of 2021".

TITLE LI—INSPECTOR GENERAL INDEPENDENCE

SEC. 5111. SHORT TITLE.

This title may be cited as the "Securing Inspector General Independence Act of 2021".

SEC. 5112. REMOVAL OR TRANSFER OF INSPEC-TORS GENERAL; PLACEMENT ON NON-DUTY STATUS.

- (a) IN GENERAL.—The Inspector General Act of 1978 (5 U.S.C. App.) is amended—
 - (1) in section 3(b)-
 - (A) by inserting "(1)(A)" after "(b)";
- (B) in paragraph (1), as so designated—
 (i) in subparagraph (A), as so designated, in
 the second sentence—
- (I) by striking "reasons" and inserting the following: "substantive rationale, including detailed and case-specific reasons,"; and
- (II) by inserting "(including to the appropriate congressional committees)" after "Houses of Congress"; and
- (ii) by adding at the end the following:
- "(B) If there is an open or completed inquiry into an Inspector General that relates to the removal or transfer of the Inspector General under subparagraph (A), the written communication required under that subparagraph shall—
- "(i) identify each entity that is conducting, or that conducted, the inquiry; and
- "(ii) in the case of a completed inquiry, contain the findings made during the inquiry."; and
 - (C) by adding at the end the following:
- "(2)(A) Subject to the other provisions of this paragraph, only the President may place an Inspector General on non-duty status.
- "(B) If the President places an Inspector General on non-duty status, the President

shall communicate in writing the substantive rationale, including detailed and case-specific reasons, for the change in status to both Houses of Congress (including to the appropriate congressional committees) not later than 15 days before the date on which the change in status takes effect, except that the President may submit that communication not later than the date on which the change in status takes effect if—

"(i) the President has made a determination that the continued presence of the Inspector General in the workplace poses a threat described in any of clauses (i) through (iv) of section 6329b(b)(2)(A) of title 5, United States Code; and

"(ii) in the communication, the President includes a report on the determination described in clause (i), which shall include—

"(I) a specification of which clause of section 6329b(b)(2)(A) of title 5, United States Code, the President has determined applies under clause (i) of this subparagraph;

"(II) the substantive rationale, including detailed and case-specific reasons, for the determination made under clause (i);

"(III) an identification of each entity that is conducting, or that conducted, any inquiry upon which the determination under clause (i) was made: and

"(IV) in the case of an inquiry described in subclause (III) that is completed, the findings made during that inquiry.

"(C) The President may not place an Inspector General on non-duty status during the 30-day period preceding the date on which the Inspector General is removed or transferred under paragraph (1)(A) unless the President.—

"(i) has made a determination that the continued presence of the Inspector General in the workplace poses a threat described in any of clauses (i) through (iv) of section 6329b(b)(2)(A) of title 5, United States Code; and

"(ii) not later than the date on which the change in status takes effect, submits to both Houses of Congress (including to the appropriate congressional committees) a written communication that contains the information required under subparagraph (B), including the report required under clause (ii) of that subparagraph.

"(D) For the purposes of this paragraph—

"(i) the term 'Inspector General'—

"(I) means an Inspector General who was appointed by the President, without regard to whether the Senate provided advice and consent with respect to that appointment; and

"(II) includes the Inspector General of an establishment, the Inspector General of the Intelligence Community, the Inspector General of the Central Intelligence Agency, the Special Inspector General for Afghanistan Reconstruction, the Special Inspector General for the Troubled Asset Relief Program, and the Special Inspector General for Pandemic Recovery; and

"(ii) a reference to the removal or transfer of an Inspector General under paragraph (1), or to the written communication described in that paragraph, shall be considered to be—

"(I) in the case of the Inspector General of the Intelligence Community, a reference to section 103H(c)(4) of the National Security Act of 1947 (50 U.S.C. 3033(c)(4));

"(II) in the case of the Inspector General of the Central Intelligence Agency, a reference to section 17(b)(6) of the Central Intelligence Agency Act of 1949 (50 U.S.C. 3517(b)(6));

"(III) in the case of the Special Inspector General for Afghanistan Reconstruction, a reference to section 1229(c)(6) of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat. 378);

"(IV) in the case of the Special Inspector General for the Troubled Asset Relief Program, a reference to section 121(b)(4) of the Emergency Economic Stabilization Act of 2008 (12 U.S.C. 5231(b)(4)); and

"(V) in the case of the Special Inspector General for Pandemic Recovery, a reference to section 4018(b)(3) of the CARES Act (15 U.S.C. 9053(b)(3))."; and

(2) in section 8G(e)-

(A) in paragraph (1), by inserting "or placement on non-duty status" after "a removal";

(B) in paragraph (2)—

(i) by inserting "(A)" after "(2)";

(ii) in subparagraph (A), as so designated, in the first sentence— $\,$

(I) by striking "reasons" and inserting the following: "substantive rationale, including detailed and case-specific reasons,"; and

(II) by inserting "(including to the appropriate congressional committees)" after "Houses of Congress": and

(iii) by adding at the end the following:

"(B) If there is an open or completed inquiry into an Inspector General that relates to the removal or transfer of the Inspector General under subparagraph (A), the written communication required under that subparagraph shall—

"(i) identify each entity that is conducting, or that conducted, the inquiry; and "(ii) in the case of a completed inquiry, contain the findings made during the inquiry."; and

(C) by adding at the end the following:

"(3)(A) Subject to the other provisions of this paragraph, only the head of the applicable designated Federal entity (referred to in this paragraph as the 'covered official') may place an Inspector General on non-duty sta-

"(B) If a covered official places an Inspector General on non-duty status, the covered official shall communicate in writing the substantive rationale, including detailed and case-specific reasons, for the change in status to both Houses of Congress (including to the appropriate congressional committees) not later than 15 days before the date on which the change in status takes effect, except that the covered official may submit that communication not later than the date on which the change in status takes effect if—

"(i) the covered official has made a determination that the continued presence of the Inspector General in the workplace poses a threat described in any of clauses (i) through (iv) of section 6329b(b)(2)(A) of title 5, United States Code; and

"(ii) in the communication, the covered official includes a report on the determination described in clause (i), which shall include—

"(I) a specification of which clause of section 6329b(b)(2)(A) of title 5, United States Code, the covered official has determined applies under clause (i) of this subparagraph;

"(II) the substantive rationale, including detailed and case-specific reasons, for the determination made under clause (i);

"(III) an identification of each entity that is conducting, or that conducted, any inquiry upon which the determination under clause (i) was made; and

"(IV) in the case of an inquiry described in subclause (III) that is completed, the findings made during that inquiry.

"(C) A covered official may not place an Inspector General on non-duty status during the 30-day period preceding the date on which the Inspector General is removed or transferred under paragraph (2)(A) unless the covered official—

"(i) has made a determination that the continued presence of the Inspector General in the workplace poses a threat described in any of clauses (i) through (iv) of section 6329b(b)(2)(A) of title 5, United States Code; and

"(ii) not later than the date on which the change in status takes effect, submits to

both Houses of Congress (including to the appropriate congressional committees) a written communication that contains the information required under subparagraph (B), including the report required under clause (ii) of that subparagraph.

"(D) Nothing in this paragraph may be construed to limit or otherwise modify—

"(i) any statutory protection that is afforded to an Inspector General; or

"(ii) any other action that a covered official may take under law with respect to an Inspector General.".

(b) TECHNICAL AND CONFORMING AMENDMENT.—Section 12(3) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by inserting "except as otherwise expressly provided," before "the term".

SEC. 5113. VACANCY IN POSITION OF INSPECTOR GENERAL.

(a) IN GENERAL.—Section 3 of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by adding at the end the following:

"(h)(1) In this subsection—

"(A) the term 'first assistant to the position of Inspector General' means, with respect to an Office of Inspector General—

"(i) an individual who, as of the day before the date on which the Inspector General dies, resigns, or otherwise becomes unable to perform the functions and duties of that position—

"(I) is serving in a position in that Office; and

"(II) has been designated in writing by the Inspector General, through an order of succession or otherwise, as the first assistant to the position of Inspector General; or

"(ii) if the Inspector General has not made a designation described in clause (i)(II)—

"(I) the Principal Deputy Inspector General of that Office, as of the day before the date on which the Inspector General dies, resigns, or otherwise becomes unable to perform the functions and duties of that position: or

"(II) if there is no Principal Deputy Inspector General of that Office, the Deputy Inspector General of that Office, as of the day before the date on which the Inspector General dies, resigns, or otherwise becomes unable to perform the functions and duties of that position; and

"(B) the term 'Inspector General'-

"(i) means an Inspector General who is appointed by the President, by and with the advice and consent of the Senate; and

"(ii) includes the Inspector General of an establishment, the Inspector General of the Intelligence Community, the Inspector General of the Central Intelligence Agency, the Special Inspector General for the Troubled Asset Relief Program, and the Special Inspector General for Pandemic Recovery.

"(2) If an Inspector General dies, resigns, or is otherwise unable to perform the functions and duties of the position—

"(A) section 3345(a) of title 5, United States Code, and section 103(e) of the National Security Act of 1947 (50 U.S.C. 3025(e)) shall not apply:

"(B) subject to paragraph (4), the first assistant to the position of Inspector General shall perform the functions and duties of the Inspector General temporarily in an acting capacity subject to the time limitations of section 3346 of title 5, United States Code; and

"(C) notwithstanding subparagraph (B), and subject to paragraphs (4) and (5), the President (and only the President) may direct an officer or employee of any Office of an Inspector General to perform the functions and duties of the Inspector General temporarily in an acting capacity subject to the time limitations of section 3346 of title 5, United States Code, only if—

"(i) during the 365-day period preceding the date of death, resignation, or beginning of inability to serve of the Inspector General, the officer or employee served in a position in an Office of an Inspector General for not less than 90 days, except that—

"(I) the requirement under this clause shall not apply if the officer is an Inspector General: and

"(II) for the purposes of this subparagraph, performing the functions and duties of an Inspector General temporarily in an acting capacity does not qualify as service in a position in an Office of an Inspector General;

"(ii) the rate of pay for the position of the officer or employee described in clause (i) is equal to or greater than the minimum rate of pay payable for a position at GS-15 of the General Schedule:

"(iii) the officer or employee has demonstrated ability in accounting, auditing, financial analysis, law, management analysis, public administration, or investigations; and

"(iv) not later than 30 days before the date on which the direction takes effect, the President communicates in writing to both Houses of Congress (including to the appropriate congressional committees) the substantive rationale, including the detailed and case-specific reasons, for such direction, including the reason for the direction that someone other than the individual who is performing the functions and duties of the Inspector General temporarily in an acting capacity (as of the date on which the President issues that direction) perform those functions and duties temporarily in an acting capacity.

"(3) Notwithstanding section 3345(a) of title 5, United States Code, section 103(e) of the National Security Act of 1947 (50 U.S.C. 3025(e)), and subparagraphs (B) and (C) of paragraph (2), and subject to paragraph (4), during any period in which an Inspector General is on non-duty status—

"(A) the first assistant to the position of Inspector General shall perform the functions and duties of the position temporarily in an acting capacity subject to the time limitations of section 3346 of title 5, United States Code; and

"(B) if the first assistant described in subparagraph (A) dies, resigns, or becomes otherwise unable to perform those functions and duties, the President (and only the President) may direct an officer or employee in that Office of Inspector General to perform those functions and duties temporarily in an acting capacity, subject to the time limitations of section 3346 of title 5, United States Code if—

"(i) that direction satisfies the requirements under clauses (ii), (iii), and (iv) of paragraph (2)(C); and

"(ii) that officer or employee served in a position in that Office of Inspector General for not fewer than 90 of the 365 days preceding the date on which the President makes that direction.

"(4) An individual may perform the functions and duties of an Inspector General temporarily and in an acting capacity under subparagraph (B) or (C) of paragraph (2), or under paragraph (3), with respect to only 1 Inspector General position at any given time.

"(5) If the President makes a direction under paragraph (2)(C), during the 30-day period preceding the date on which the direction of the President takes effect, the functions and duties of the position of the applicable Inspector General shall be performed by—

"(A) the first assistant to the position of Inspector General; or

"(B) the individual performing those functions and duties temporarily in an acting capacity, as of the date on which the President issues that direction, if that individual is an individual other than the first assistant to the position of Inspector General.".

(b) RULE OF CONSTRUCTION.—Nothing in the amendment made by subsection (a) may be construed to limit the applicability of sections 3345 through 3349d of title 5, United States Code (commonly known as the "Federal Vacancies Reform Act of 1998"), other than with respect to section 3345(a) of that title.

(c) Effective Date.—

(1) DEFINITION.—In this subsection, the term "Inspector General" has the meaning given the term in subsection (h)(1)(B) of section 3 of the Inspector General Act of 1978 (5 U.S.C. App.), as added by subsection (a) of this section.

(2) APPLICABILITY.—

(A) IN GENERAL.—Except as provided in subparagraph (B), this section, and the amendments made by this section, shall take effect on the date of enactment of this Act.

(B) EXISTING VACANCIES.—If, as of the date of enactment of this Act, an individual is performing the functions and duties of an Inspector General temporarily in an acting capacity, this section, and the amendments made by this section, shall take effect with respect to that Inspector General position on the date that is 30 days after the date of enactment of this Act.

SEC. 5114. OFFICE OF INSPECTOR GENERAL WHISTLEBLOWER COMPLAINTS.

- (a) WHISTLEBLOWER PROTECTION COORDINATOR.—Section 3(d)(1)(C) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended—
- (1) in clause (i), in the matter preceding subclause (I), by inserting ", including employees of that Office of Inspector General" after "employees"; and

(2) in clause (iii), by inserting "(including the Integrity Committee of that Council)" after "and Efficiency".

(b) COUNCIL OF THE INSPECTORS GENERAL ON INTEGRITY AND EFFICIENCY.—Section 11(c)(5)(B) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by striking ", allegations of reprisal," and inserting the following: "and allegations of reprisal (including the timely and appropriate handling and consideration of protected disclosures and allegations of reprisal that are internal to an Office of Inspector General)".

TITLE LII—PRESIDENTIAL EXPLANATION OF FAILURE TO NOMINATE AN INSPECTOR GENERAL

SEC. 5121. PRESIDENTIAL EXPLANATION OF FAIL-URE TO NOMINATE AN INSPECTOR GENERAL.

(a) IN GENERAL.—Subchapter III of chapter 33 of title 5, United States Code, is amended by inserting after section 3349d the following:

"§ 3349e. Presidential explanation of failure to nominate an inspector general

"If the President fails to make a formal nomination for a vacant inspector general position that requires a formal nomination by the President to be filled within the period beginning on the later of the date on which the vacancy occurred or on which a nomination is rejected, withdrawn, or returned, and ending on the day that is 210 days after that date, the President shall communicate, within 30 days after the end of such period and not later than June 1 of each year thereafter, to the appropriate congressional committees, as defined in section 12 of the Inspector General Act of 1978 (5 U.S.C. App.)—

"(1) the reasons why the President has not yet made a formal nomination; and

"(2) a target date for making a formal nomination.".

(b) TECHNICAL AND CONFORMING AMEND-MENT.—The table of sections for subchapter III of chapter 33 of title 5, United States Code, is amended by inserting after the item relating to section 3349d the following:

"3349e. Presidential explanation of failure to nominate an Inspector General"

- (c) EFFECTIVE DATE.—The amendment made by subsection (a) shall take effect—
- (1) on the date of enactment of this Act with respect to any vacancy first occurring on or after that date; and
- (2) on the day that is 210 days after the date of enactment of this Act with respect to any vacancy that occurred before the date of enactment of this Act.

TITLE LIII—INTEGRITY COMMITTEE OF THE COUNCIL OF INSPECTORS GEN-ERAL ON INTEGRITY AND EFFICIENCY TRANSPARENCY

SEC. 5131. SHORT TITLE.

This title may be cited as the "Integrity Committee Transparency Act of 2021".

SEC. 5132. ADDITIONAL INFORMATION TO BE IN-CLUDED IN REQUESTS AND RE-PORTS TO CONGRESS.

Section 11(d) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended—

(1) in paragraph (5)(B)(ii), by striking the period at the end and inserting ", the length of time the Integrity Committee has been evaluating the allegation of wrongdoing, and a description of any previous written notice provided under this clause with respect to the allegation of wrongdoing, including the description provided for why additional time was needed."; and

(2) in paragraph (8)(A)(ii), by inserting "or corrective action" after "disciplinary action".

SEC. 5133. AVAILABILITY OF INFORMATION TO CONGRESS ON CERTAIN ALLEGATIONS OF WRONGDOING CLOSED WITHOUT REFERRAL.

Section 11(d)(5)(B) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by adding at the end the following:

"(iii) AVAILABILITY OF INFORMATION TO CON-GRESS ON CERTAIN ALLEGATIONS OF WRONG-DOING CLOSED WITHOUT REFERRAL.—

"(I) IN GENERAL.—With respect to an allegation of wrongdoing made by a member of Congress that is closed by the Integrity Committee without referral to the Chairperson of the Integrity Committee to initiate an investigation, the Chairperson of the Integrity Committee shall, not later than 60 days after closing the allegation of wrongdoing, provide a written description of the nature of the allegation of wrongdoing and how the Integrity Committee evaluated the allegation of wrongdoing to—

"(aa) the Chair and Ranking Minority Member of the Committee on Homeland Security and Governmental Affairs of the Senate: and

"(bb) the Chair and Ranking Minority Member of the Committee on Oversight and Reform of the House of Representatives.

"(II) REQUIREMENT TO FORWARD.—The Chairperson of the Integrity Committee shall forward any written description or update provided under this clause to the members of the Integrity Committee and to the Chairperson of the Council."

SEC. 5134. SEMIANNUAL REPORT.

Section 11(d)(9) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended to read as follows:

"(9) SEMIANNUAL REPORT.—On or before May 31, 2022, and every 6 months thereafter, the Council shall submit to Congress and the President a report on the activities of the Integrity Committee during the immediately preceding 6-month periods ending March 31 and September 30, which shall include the following with respect to allegations of wrongdoing that are made against Inspectors

General and staff members of the various Offices of Inspector General described in paragraph (4)(C):

"(A) An overview and analysis of the allegations of wrongdoing disposed of by the Integrity Committee, including—

"(i) analysis of the positions held by individuals against whom allegations were made, including the duties affiliated with such positions:

"(ii) analysis of the categories or types of the allegations of wrongdoing; and

"(iii) a summary of disposition of all the allegations.

"(B) The number of allegations received by the Integrity Committee.

"(C) The number of allegations referred to the Department of Justice or the Office of Special Counsel, including the number of allegations referred for criminal investigation.

"(D) The number of allegations referred to the Chairperson of the Integrity Committee for investigation, a general description of the status of such investigations, and a summary of the findings of investigations completed.

"(E) An overview and analysis of allegations of wrongdoing received by the Integrity Committee during any previous reporting period, but remained pending during some part of the six months covered by the report, including—

"(i) analysis of the positions held by individuals against whom allegations were made, including the duties affiliated with such positions:

"(ii) analysis of the categories or types of the allegations of wrongdoing; and

"(iii) a summary of disposition of all the allegations.

"(F) The number and category or type of pending investigations.

"(G) For each allegation received—

 $\lq\lq$ (i) the date on which the investigation was opened;

"(ii) the date on which the allegation was disposed of, as applicable; and

"(iii) the case number associated with the allegation.

"(H) The nature and number of allegations to the Integrity Committee closed without referral, including the justification for why each allegation was closed without referral.

"(I) A brief description of any difficulty encountered by the Integrity Committee when receiving, evaluating, investigating, or referring for investigation an allegation received by the Integrity Committee, including a brief description of—

"(i) any attempt to prevent or hinder an investigation; or

 $\lq\lq(ii)$ concerns about the integrity or operations at an Office of Inspector General.

"(J) Other matters that the Council considers appropriate.".

SEC. 5135. ADDITIONAL REPORTS.

Section 5 of the Inspector General Act of 1978 (5 U.S.C. App.) is amended—

(1) by redesignating subsections (e) and (f) as subsections (g) and (h), respectively; and

(2) by inserting after subsection (d) the following:

"(e) ADDITIONAL REPORTS.—

"(1) REPORT TO INSPECTOR GENERAL.—The Chairperson of the Integrity Committee of the Council of the Inspectors General on Integrity and Efficiency shall, immediately whenever the Chairperson of the Integrity Committee becomes aware of particularly serious or flagrant problems, abuses, or deficiencies relating to the administration of programs and operations of an Office of Inspector General for which the Integrity Committee may receive, review, and refer for investigation allegations of wrongdoing under section 11(d), submit a report to the Inspector General who leads the Office at which the

serious or flagrant problems, abuses, or deficiencies were alleged.

"(2) REPORT TO PRESIDENT, CONGRESS, AND THE ESTABLISHMENT.—Not later than 7 days after the date on which an Inspector General receives a report submitted under paragraph (1), the Inspector General shall submit to the President, the appropriate congressional committees, and the head of the establishment—

"(A) the report received under paragraph (1); and

"(B) a report by the Inspector General containing any comments the Inspector General determines appropriate.".

SEC. 5136. REQUIREMENT TO REPORT FINAL DISPOSITION TO CONGRESS.

Section 11(d)(8)(B) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by inserting "and the appropriate congressional committees" after "Integrity Committee".

SEC. 5137. INVESTIGATIONS OF OFFICES OF IN-SPECTORS GENERAL OF ESTABLISH-MENTS BY THE INTEGRITY COM-MITTEE.

Section 11(d)(7)(B)(i)(V) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by inserting ", and that an investigation of an Office of Inspector General of an establishment is conducted by another Office of Inspector General of an establishment" after "size"

TITLE LIV—NOTICE OF ONGOING INVES-TIGATIONS WHEN THERE IS A CHANGE IN STATUS OF INSPECTOR GENERAL

SEC. 5141. NOTICE OF ONGOING INVESTIGATIONS WHEN THERE IS A CHANGE IN STATUS OF INSPECTOR GENERAL.

Section 5 of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by inserting after subsection (e), as added by section 5135 of this division, the following:

"(f) Not later than 15 days after an Inspector General is removed, placed on paid or unpaid non-duty status, or transferred to another position or location within an establishment, the officer or employee performing the functions and duties of the Inspector General temporarily in an acting capacity shall submit to the Committee on Homeland Security and Governmental Affairs of the Senate and the Committee on Oversight and Reform of the House of Representatives information regarding work being conducted by the Office as of the date on which the Inspector General was removed, placed on paid or unpaid non-duty status, or transferred, which shall include-

"(1) for each investigation—

"(A) the type of alleged offense;

"(B) the fiscal quarter in which the Office initiated the investigation;

"(C) the relevant Federal agency, including the relevant component of that Federal agency for any Federal agency listed in section 901(b) of title 31, United States Code, under investigation or affiliated with the individual or entity under investigation; and

"(D) whether the investigation is administrative, civil, criminal, or a combination thereof, if known; and

``(2) for any work not described in paragraph (1)—

"(A) a description of the subject matter and scope;

"(B) the relevant agency, including the relevant component of that Federal agency, under review:

"(C) the date on which the Office initiated the work; and

 $\mbox{``(D)}$ the expected time frame for completion.".

TITLE LV—COUNCIL OF THE INSPECTORS GENERAL ON INTEGRITY AND EFFICIENCY REPORT ON EXPENDITURES

SEC. 5151. CIGIE REPORT ON EXPENDITURES.

Section 11(c)(3) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by adding at the end the following:

"(D) REPORT ON EXPENDITURES.—Not later than November 30 of each year, the Chairperson shall submit to the appropriate committees or subcommittees of Congress, including the Committee on Appropriations of the Senate and the Committee on Appropriations of the House of Representatives, a report on the expenditures of the Council for the preceding fiscal year, including from direct appropriations to the Council, interagency funding pursuant to subparagraph (A), a revolving fund pursuant to subparagraph (B), or any other source."

TITLE LVI—NOTICE OF REFUSAL TO PROVIDE INSPECTORS GENERAL ACCESS

SEC. 5161. NOTICE OF REFUSAL TO PROVIDE INFORMATION OR ASSISTANCE TO INSPECTORS GENERAL.

Section 6(c) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended by adding at the end the following:

"(3) If the information or assistance that is the subject of a report under paragraph (2) is not provided to the Inspector General by the date that is 30 days after the report is made, the Inspector General shall submit a notice that the information or assistance requested has not been provided by the head of the establishment involved or the head of the Federal agency involved, as applicable, to the appropriate congressional committees."

TITLE LVII—TRAINING RESOURCES FOR INSPECTORS GENERAL AND OTHER MATTERS

SEC. 5171. TRAINING RESOURCES FOR INSPEC-TORS GENERAL.

Section 11(c)(1) of the Inspector General Act of 1978 (5 U.S.C. App.) is amended—

(1) by redesignating subparagraphs (E) through (I) as subparagraphs (F) through (J), respectively: and

(2) by inserting after subparagraph (D) the following:

"(E) support the professional development of Inspectors General, including by providing training opportunities on the duties, responsibilities, and authorities under this Act and on topics relevant to Inspectors General and the work of Inspectors General, as identified by Inspectors General and the Council."

SEC. 5172. DEFINITION OF APPROPRIATE CONGRESSIONAL COMMITTEES.

The Inspector General Act of 1978 (5 U.S.C. App.) is amended—

(1) in section 5—

(A) in subsection (b), in the matter preceding paragraph (1), by striking "committees or subcommittees of the Congress" and inserting "congressional committees"; and

(B) in subsection (d), by striking "committees or subcommittees of Congress" and inserting "congressional committees";

(2) in section 6(h)(4)-

(A) in subparagraph (B), by striking "Government"; and

(B) by amending subparagraph (C) to read as follows:

"(C) Any other relevant congressional committee or subcommittee of jurisdiction.":

(3) in section 8—

(A) in subsection (b)—

(i) in paragraph (3), by striking "the Committees on Armed Services and Governmental Affairs of the Senate and the Committee on Armed Services and the Committee on Government Reform and Oversight of the House of Representatives and to other appropriate committees or subcommittees of

- the Congress" and inserting "the appropriate congressional committees, including the Committee on Armed Services of the Senate and the Committee on Armed Services of the House of Representatives"; and
- (ii) in paragraph (4), by striking "and to other appropriate committees or subcommittees"; and
 - (B) in subsection (f)-
- (i) in paragraph (1), by striking "the Committees on Armed Services and on Homeland Security and Governmental Affairs of the Senate and the Committees on Armed Services and on Oversight and Government Reform of the House of Representatives and to other appropriate committees or subcommittees of Congress" and inserting "the appropriate congressional committees, including the Committee on Armed Services of the Senate and the Committee on Armed Services of the House of Representatives"; and
- (ii) in paragraph (2), by striking "committees or subcommittees of the Congress" and inserting "congressional committees";
 - (4) in section 8D-
- (A) in subsection (a)(3), by striking "Committees on Governmental Affairs and Finance of the Senate and the Committees on Government Operations and Ways and Means of the House of Representatives, and to other appropriate committees or subcommittees of the Congress" and inserting "appropriate congressional committees, including the Committee on Finance of the Senate and the Committee on Ways and Means of the House of Representatives"; and
 - (B) in subsection (g)-
 - (i) in paragraph (1)—
- (I) by striking "committees or subcommittees of the Congress" and inserting "congressional committees"; and
- (II) by striking "Committees on Governmental Affairs and Finance of the Senate and the Committees on Government Reform and Oversight and Ways and Means of the House of Representatives" and inserting "Committee on Finance of the Senate and the Committee on Ways and Means of the House of Representatives"; and
- (ii) in paragraph (2), by striking "committees or subcommittees of Congress" and inserting "congressional committees";
 - (5) in section 8E-
- (A) in subsection (a)(3), by striking "Committees on Governmental Affairs and Judiciary of the Senate and the Committees on Government Operations and Judiciary of the House of Representatives, and to other appropriate committees or subcommittees of the Congress" and inserting "appropriate congressional committees, including the Committee on the Judiciary of the Senate and the Committee on the Judiciary of the House of Representatives"; and
 - (B) in subsection (c)-
- (i) by striking "committees or subcommittees of the Congress" and inserting "congressional committees"; and
- (ii) by striking "Committees on the Judiciary and Governmental Affairs of the Senate and the Committees on the Judiciary and Government Operations of the House of Representatives" and inserting "Committee on the Judiciary of the Senate and the Committee on the Judiciary of the House of Representatives";
 - (6) in section 8G-
- (A) in subsection (d)(2)(E), in the matter preceding clause (i), by inserting "the appropriate congressional committees, including" after "are"; and
- (B) in subsection (f)(3)—
- (i) in subparagraph (A)(iii), by striking "Committee on Governmental Affairs of the Senate and the Committee on Government Reform and Oversight of the House of Representatives, and to other appropriate committees or subcommittees of the Congress"

- and inserting "the appropriate congressional committees"; and
 - (ii) by striking subparagraph (C);
 - (7) in section 8I-
- (A) in subsection (a)(3), in the matter preceding subparagraph (A), by striking "committees and subcommittees of Congress" and inserting "congressional committees"; and
- (B) in subsection (d), by striking "committees and subcommittees of Congress" each place it appears and inserting "congressional committees";
- (8) in section 8N(b), by striking "committees of Congress" and inserting "congressional committees";
 - (9) in section 11—
 - (A) in subsection (b)(3)(B)(viii)—
 - (i) by striking subclauses (III) and (IV);
- (ii) in subclause (I), by adding "and" at the end; and
- (iii) by amending subclause (II) to read as follows:
- ``(II) the appropriate congressional committees."; and
- (B) in subsection (d)(8)(A)(iii), by striking "to the" and all that follows through "jurisdiction" and inserting "to the appropriate congressional committees"; and
 - (10) in section 12-
- (A) in paragraph (4), by striking "and" at the end:
- (B) in paragraph (5), by striking the period at the end and inserting "; and"; and
- (C) by adding at the end the following:
- ``(6) the term 'appropriate congressional committees' means—
- "(A) the Committee on Homeland Security and Governmental Affairs of the Senate;
- "(B) the Committee on Oversight and Reform of the House of Representatives; and
- "(C) any other relevant congressional committee or subcommittee of jurisdiction.".

SEC, 5173, SEMIANNUAL REPORTS.

- The Inspector General Act of 1978 (5 U.S.C. App.) is amended—
- (1) in section 4(a)(2)—
- (A) by inserting ", including" after "to make recommendations"; and
- (B) by inserting a comma after "section 5(a)":
 - (2) in section 5—
 - (A) in subsection (a)—
- (i) by striking paragraphs (1) through (12) and inserting the following:
- "(1) a description of significant problems, abuses, and deficiencies relating to the administration of programs and operations of the establishment and associated reports and recommendations for corrective action made by the Office:
- "(2) an identification of each recommendation made before the reporting period, for which corrective action has not been completed, including the potential costs savings associated with the recommendation:
- "(3) a summary of significant investigations closed during the reporting period;
- "(4) an identification of the total number of convictions during the reporting period resulting from investigations;
- "(5) information regarding each audit, inspection, or evaluation report issued during the reporting period, including—
- ``(A) a listing of each audit, inspection, or evaluation;
- "(B) if applicable, the total dollar value of questioned costs (including a separate category for the dollar value of unsupported costs) and the dollar value of recommendations that funds be put to better use, including whether a management decision had been made by the end of the reporting period;
- "(6) information regarding any management decision made during the reporting period with respect to any audit, inspection, or evaluation issued during a previous reporting period;";

- (ii) by redesignating paragraphs (13) through (22) as paragraphs (7) through (16), respectively:
- (iii) by amending paragraph (13), as so redesignated, to read as follows:
- "(13) a report on each investigation conducted by the Office where allegations of misconduct were substantiated, including the name of the senior Government employee, if already made public by the Office, and a detailed description of—
- "(A) the facts and circumstances of the investigation; and
- "(B) the status and disposition of the matter, including—
- "(i) if the matter was referred to the Department of Justice, the date of the referral;
- "(ii) if the Department of Justice declined the referral, the date of the declination;"; and
- (iv) in paragraph (15), as so redesignated, by striking subparagraphs (A) and (B) and inserting the following:
- "(A) any attempt by the establishment to interfere with the independence of the Office, including—
- "(i) with budget constraints designed to limit the capabilities of the Office; and
- "(ii) incidents where the establishment has resisted or objected to oversight activities of the Office or restricted or significantly delayed access to information, including the justification of the establishment for such action; and
- "(B) a summary of each report made to the head of the establishment under section 6(c)(2) during the reporting period;"; and
 - (B) in subsection (b)-
- (i) by striking paragraphs (2) and (3) and inserting the following:
- "(2) where final action on audit, inspection, and evaluation reports had not been taken before the commencement of the reporting period, statistical tables showing—
- "(A) with respect to management decisions—
- "(i) for each report, whether a management decision was made during the reporting period;
- "(ii) if a management decision was made during the reporting period, the dollar value of disallowed costs and funds to be put to better use as agreed to in the management decision; and
- "(iii) total number of reports where a management decision was made during the reporting period and the total corresponding dollar value of disallowed costs and funds to be put to better use as agreed to in the management decision; and
 - "(B) with respect to final actions—
- "(i) whether, if a management decision was made before the end of the reporting period, final action was taken during the reporting period;
- "(ii) if final action was taken, the dollar value of—
- "(I) disallowed costs that were recovered by management through collection, offset, property in lieu of cash, or otherwise;
- "(II) disallowed costs that were written off by management;
- "(III) disallowed costs and funds to be put to better use not yet recovered or written off by management;
- "(IV) recommendations that were completed; and
- "(V) recommendations that management has subsequently concluded should not or could not be implemented or completed; and
- "(iii) total number of reports where final action was not taken and total number of reports where final action was taken, including the total corresponding dollar value of disallowed costs and funds to be put to better use as agreed to in the management decisions;";

- (ii) by redesignating paragraph (4) as paragraph (3);
- (iii) in paragraph (3), as so redesignated, by striking "subsection (a)(20)(A)" and inserting "subsection (a)(14)(A)"; and
- (iv) by striking paragraph (5) and inserting the following:
- "(4) a statement explaining why final action has not been taken with respect to each audit, inspection, and evaluation report in which a management decision has been made but final action has not yet been taken, except that such statement—
 - "(A) may exclude reports if-
- "(i) a management decision was made within the preceding year; or
- "(ii) the report is under formal administrative or judicial appeal or management of the establishment has agreed to pursue a legislative solution; and
- "(B) shall identify the number of reports in each category so excluded.";
- (C) by redesignating subsection (h), as so redesignated by section 5135 of this division, as subsection (i); and
- (D) by inserting after subsection (g), as so redesignated by section 5135 of this division, the following:
- "(h) If an Office has published any portion of the report or information required under subsection (a) to the website of the Office or on oversight.gov, the Office may elect to provide links to the relevant webpage or website in the report of the Office under subsection (a) in lieu of including the information in that report.".

SEC. 5174. SUBMISSION OF REPORTS THAT SPE-CIFICALLY IDENTIFY NON-GOVERN-MENTAL ORGANIZATIONS OR BUSI-NESS ENTITIES.

- (a) IN GENERAL.—Section 5(g) of the Inspector General Act of 1978 (5 U.S.C. App.), as so redesignated by section 5135 of this division, is amended by adding at the end the following:
- "(6)(A) Except as provided in subparagraph (B), if an audit, evaluation, inspection, or other non-investigative report prepared by an Inspector General specifically identifies a specific non-governmental organization or business entity, whether or not the non-governmental organization or business entity is the subject of that audit, evaluation, inspection or non-investigative report—
- "(i) the Inspector General shall notify the non-governmental organization or business entity;
- "(ii) the non-governmental organization or business entity shall have—
- "(I) 30 days to review the audit, evaluation, inspection, or non-investigative report beginning on the date of publication of the audit, evaluation, inspection, or non-investigative report; and
- "(II) the opportunity to submit a written response for the purpose of clarifying or providing additional context as it directly relates to each instance wherein an audit, evaluation, inspection, or non-investigative report specifically identifies that non-governmental organization or business entity; and
- ''(iii) if a written response is submitted under clause (ii)(II) within the 30-day period described in clause (ii)(I)—
- "(I) the written response shall be attached to the audit, evaluation, inspection, or noninvestigative report; and
- "(II) in every instance where the report may appear on the public-facing website of the Inspector General, the website shall be updated in order to access a version of the audit, evaluation, inspection, or non-investigative report that includes the written response.
- "(B) Subparagraph (A) shall not apply with respect to a non-governmental organization or business entity that refused to provide in-

formation or assistance sought by an Inspector General during the creation of the audit, evaluation, inspection, or non-investigative report

report.

"(C) An Inspector General shall review any written response received under subparagraph (A) for the purpose of preventing the improper disclosure of classified information or other non-public information, consistent with applicable laws, rules, and regulations, and, if necessary, redact such information."

- (b) RETROACTIVE APPLICABILITY.—During the 30-day period beginning on the date of enactment of this Act—
- (1) the amendment made by subsection (a) shall apply upon the request of a non-governmental organization or business entity named in an audit, evaluation, inspection, or other non-investigative report prepared on or after January 1, 2019; and
- (2) any written response submitted under clause (iii) of section 5(g)(6)(A) of the Inspector General Act of 1978 (5 U.S.C. App.), as added by subsection (a), with respect to such an audit, evaluation, inspection, or other non-investigative report shall attach to the original report in the manner described in that clause.
- SA 4777. Mrs. FISCHER (for herself and Ms. Klobuchar) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:
- At the appropriate place in title X, insert the following:

SEC. _____. ADVANCING IOT FOR PRECISION AGRICULTURE.

- (a) SHORT TITLE.—This section may be cited as the "Advancing IoT for Precision Agriculture Act of 2021".
- (b) Purpose.—It is the purpose of this section to promote scientific research and development opportunities for connected technologies that advance precision agriculture capabilities.
- (c) NATIONAL SCIENCE FOUNDATION DIRECTIVE ON AGRICULTURAL SENSOR RESEARCH.—In awarding grants under its applicable sensor systems and networked systems programs, and in coordination with the Department of Agriculture, the Director of the National Science Foundation shall include in consideration of portfolio balance research and development on sensor connectivity in environments of intermittent connectivity and intermittent computation—
- (1) to improve the reliable use of advance sensing systems in rural and agricultural areas; and
 - (2) that considers-
- (A) direct gateway access for locally stored data;
 - (B) attenuation of signal transmission;
- (C) loss of signal transmission; and
- (D) at-scale performance for wireles power.
- (d) UPDATING CONSIDERATIONS FOR PRECISION AGRICULTURE TECHNOLOGY WITHIN THE NSF ADVANCED TECHNICAL EDUCATION PROGRAM.—Section 3 of the Scientific and Advanced-Technology Act of 1992 (42 U.S.C. 1862i) is amended—
 - (1) in subsection (d)(2)-
- (A) in subparagraph (D), by striking "and" after the semicolon;
- (B) in subparagraph (E), by striking the period at the end and inserting "; and"; and

- (C) by adding at the end the following:
- "(F) applications that incorporate distance learning tools and approaches.";
 - (2) in subsection (e)(3)—
- (A) in subparagraph (C), by striking "and" after the semicolon;
- (B) in subparagraph (D), by striking the period at the end and inserting "; and"; and
 - (C) by adding at the end the following:
- "(E) applications that incorporate distance learning tools and approaches."; and
- (3) in subsection (j)(1), by inserting "agricultural," after "commercial,".
- (e) GAO REVIEW.—Not later than 18 months after the date of enactment of this section, the Comptroller General of the United States shall provide—
- (1) a technology assessment of precision agriculture technologies, such as the existing use of—
- (A) sensors, scanners, radio-frequency identification, and related technologies that can monitor soil properties, irrigation conditions, and plant physiology:
- (B) sensors, scanners, radio-frequency identification, and related technologies that can monitor livestock activity and health;
- (C) network connectivity and wireless communications that can securely support digital agriculture technologies in rural and remote areas;
- (D) aerial imagery generated by satellites or unmanned aerial vehicles;
 - (E) ground-based robotics;
- (F) control systems design and connectivity, such as smart irrigation control systems; and
- (G) data management software and advanced analytics that can assist decision making and improve agricultural outcomes; and
- (2) a review of Federal programs that provide support for precision agriculture research, development, adoption, education, or training, in existence on the date of enactment of this section.
- SA 4778. Mr. BOOKER (for himself, Mr. Cornyn, Mr. Coons, Mr. Portman, Mr. GRAHAM, and Mr. CARPER) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:
- At the end of title X, add the following:

Subtitle H—Preventing Future Pandemics SEC. 1071. SHORT TITLE.

This subtitle may be cited as the "Preventing Future Pandemics Act of 2021".

SEC. 1072. DEFINITIONS.

- In this subtitle:
- (1) WILDLIFE MARKET.—The term "wildlife market"—
- (A) means a commercial market or subsection of a commercial market—
- (i) where live mammalian or avian wildlife is held, slaughtered, or sold for human consumption as food or medicine whether the animals originated in the wild or in a captive environment; and
- (ii) that delivers a product in communities where alternative nutritional or protein sources are readily available and affordable; and
 - (B) does not include-
- (i) markets in areas where no other practical alternative sources of protein or meat